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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PATENT APPLICATION OF: Chang et al.

Our File: 10-371 US

Serial No: 10/082,778

Group: 2874

Patent No: 6,757,451

Issued: June 29, 2004

Title: OPTICAL CIRCULATOR

February 7, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate**  
FEB 23 2005  
**of Correction**

Dear Sir:

We respectfully request the correction of errors as set out in the attached Certificate of Correction.  
Please charge the required fee of \$100.00 to Deposit Account No: 50-1465.

**The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account 50-1465.**

Respectfully,

Neil Teitelbaum  
Regn No: 38,793

**Customer No: 24949**

Teitelbaum & MacLean  
Registered Patent Agents Limited  
1187 Bank Street, Ste 201  
Ottawa, Ontario K1S 3X7  
Canada

Tel: (613) 523 3784  
Fax: (613) 523 6799  
Email: [nt@patents.org](mailto:nt@patents.org)  
[www.patents.org](http://www.patents.org)

/mdb

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FEB 23 2005

**UNITED STATES PATENT AND TRADEMARK OFFICE**

**CERTIFICATE OF CORRECTION**

**PATENT NO:** 6,757,451

**DATED:** June 29, 2004

**INVENTOR(S):** Chang et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 3, line 66, "crystal 202" should read -- crystal 220 --

Col. 7, line 19, "and is place" should read -- and is placed --

Col. 8, line 10, "and additional" should read -- an additional --

Col. 8, line 24, "Faraday rotator 320B" should read -- Faraday rotator 330B --

Col. 8, line 27, "plate 316B" should read -- plate 336B --

Col. 8, line 31, "rotator 320B" should read -- rotator 330B --

Col. 8, line 56, "rotator 320A" should read -- rotator 330A --

Col. 8, line 57, "plate 316A" should read -- plate 336A --

Col. 8, line 58, "rotator 320A" should read -- rotator 330A --

Col. 9, line 64, "beams 416A and 416B" should read -- beams 414A and 414B --

Col. 9, line 65, "modifier 4442" should read -- modifier 442 --

Col. 9, line 66, "beam 416A and 416B" should read -- beam 414A and 414B --

Col. 10, line 3, "beam 416" should read -- beam 414 --

**UNITED STATES PATENT AND TRADEMARK OFFICE**

**CERTIFICATE OF CORRECTION**

**PATENT NO:** 6,757,451

**DATED:** June 29, 2004

**INVENTOR(S):** Chang et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 10, line 3, "beam 416" should read -- beam 414 --

Col. 10, line 25, "beam 514A" should read -- beam 514 --

Col. 11, line 46, "paths and to" should read -- paths to --

**MAILING ADDRESS OF SENDER:**

**PATENT NO.** 6,757,451

Teitelbaum & MacLean  
Registered Patent Agents Limited  
1187 Bank Street, Ste 201  
Ottawa, Ontario  
Canada  
K1S 3X7

Tel: (613) 523 3784  
Fax: (613) 523 6799  
Email: nt@patents.org  
www.patents.org

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